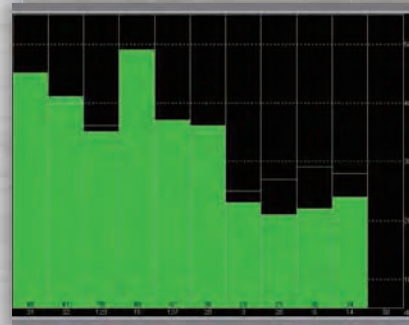
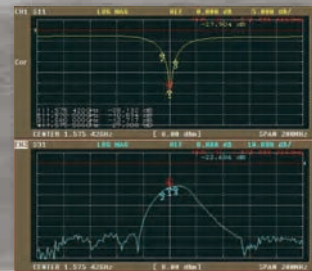
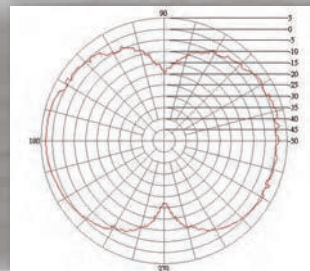
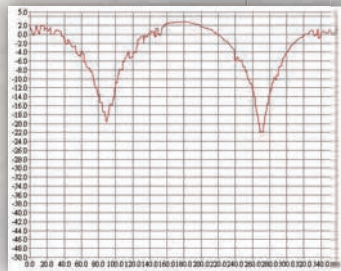


VHF/GPS [COMBO ANTENNA] TENTA-12



Specifications

VHF ANTENNA

Frequency Range	156 MHz ~162MHz
Polarization	Vertical
VSWR	1.2 typical (1.5 max)
Max Gain	2.86 dBi
Average Gain	-1.04 dBi
HPB	66.57 degree
FBR	1.81 dB
Output Impedance	50 Ω

GPS ANTENNA

Center Frequency	1575.42±1.023 MHz
Bandwidth (10dB return loss)	10 MHz min.
Gain @ Zenith	5.0 dBi typical
Gain @ 10° Elevation	-1.0 dBi min
Axial Ratio	3.0 dB typical
Polarization	RHCP (Right Handed Circular Polarization)

BUILT-IN AMPLIFIER

Center Frequency	1575.42 MHz ± 1.023 MHz
Gain	27 dB typical @ 3.3V
Noise Figure	2.0 max
Output VSWR	2.0 max
DC Power Input	2.7 ~5.1 V
Power Consumption	12mA @ 3.3V / 14mA @ 4V / 18mA @ 5V
Output Impedance	50 Ω

ENVIROMENTAL

Operating Temperature	-30°C ~ +75°C
Storage Temperature	-40°C ~ +85°C
Humidity	95% RH at 40°C, non-condensing

PHYSICAL

Dimension	34mm(φ) x 1,680 mm(L)
Weight	2 kg (w/o mount)
Color	White
VHF Connector	UHF female
GPS Connector	TNC female